

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Canceled).

Claim 16 (Currently Amended): A system comprising at least one mold and a device for filling the at least one mold with at least one powder,
the mold having an internal volume divided into an array of several sections and the device comprising:

means for adding the at least one powder into the filling device;
at least one means for ejecting the powder added into the filling device in a form of a layer; and

a plurality of deflectors placed above the mold, each of the deflectors being placed above at least one, but not all, of the sections of the internal volume of the mold, the deflectors being configured to locally intercept at least part of the powder ejected in the form of a layer and redirect locally intercepted powder towards the section of the internal volume of the mold above which each of the respective deflectors is placed,

wherein the at least one means for ejecting the powder is a rotating device, and wherein at least one of the deflectors is coupled to the rotating device,

Claim 17 (Previously Presented): The system according to claim 16, wherein at least one of the deflectors is tilttable.

Claim 18 (Previously Presented): The system according to claim 16, wherein at least one of the deflectors is mobile.

Claim 19 (Canceled).

Claim 20 (Previously Presented): The system according to claim 16, wherein a shape of the rotating device is a disk, a cone, or a bowl.

Claim 21 (Previously Presented): The system according to claim 20, wherein the rotating device includes at least one rib.

Claim 22 (Previously Presented): The system according to claim 21, wherein the at least one rib is orientable.

Claim 23 (Previously Presented): The system according to claim 16, wherein the rotating device comprises a lower part, an upper part, and a given space located between said lower and upper parts, the upper part including an orifice through which the powder enters and the powder is configured to escape through the given space.

Claim 24 (Previously Presented): The system according to claim 16, wherein the rotating device includes a powder inlet and a powder outlet, and is arranged such that inertia of the powder leaving the outlet is sufficiently high so that the powder is projected outside the rotating device.

Claim 25 (Previously Presented): The system according to claim 24, wherein the rotating device includes a curved tube.

Claim 26 (Previously Presented): The system according to claim 16, wherein the means for adding at least one powder includes at least one receptacle including a powder inlet and a powder outlet, and the at least one means for ejecting the powder in the form of a layer quickly moves the at least one receptacle and stops the at least one receptacle suddenly, so that the powder contained in the at least one receptacle is sprayed outside the at least one receptacle by inertia.

Claim 27 (Previously Presented): The system according to claim 16, wherein at least one of the deflectors is placed in parallel with a rotation axis about which the at least one means for ejecting rotates to eject the powder in the form of a layer.

Claim 28 (Previously Presented): The system according to claim 16, wherein at least one of the deflectors is placed perpendicular to a median ejection plane of the powder layer.

Claim 29 (Previously Presented): The system according to claim 16, wherein at least one of the deflectors is a part of an internal wall of the device.

Claim 30 (Previously Presented): The system according to claim 16, wherein at least one of the deflectors has a shape of the section of the mold above which the at least one of the deflectors is located.

Claim 31 (Canceled).

Claim 32 (Previously Presented): The system according to claim 16, wherein a thickness of the layer is smaller than an opening of a cavity of the mold.

Claim 33 (Canceled).

Claim 34 (Previously Presented): The system according to claim 16, wherein the rotating device ejects the powder at a direction between a horizontal and minus 90° of the horizontal.

Claim 35 (Canceled).